

# Fire Prevention Safety

**Audience:** For all workers

**Average Training Time:** 30 to 45 minutes

**US Code of Federal Regulation Reference:** Title 29, Part 1910, Section 157

**Format / Product Code:** CD-ROM (MPEG Video)/ *STFIRMPG*

**Mastery interactive version based on original video content produced by:** Summit Training Source, Inc.

## OVERVIEW

“Fire Prevention Safety” is a live-action multimedia program that covers basic fire prevention safety and proper use of fire extinguishers.

This program identifies the leading causes of fires and how they can be prevented. It covers proper handling and storage of flammables, evacuation, and fire prevention measures.



There are twenty-nine interactions in this broadcast quality multimedia production.



## TOPICS

The course presents interactive instruction covering the following topical areas:

### What Causes Fires

- Elements of a Fire
- Convection

- Toxic Gases
- Flashover Point

### Good Housekeeping Practices

- The Importance of Good Housekeeping
- Fuel and Heat Sources
- Combustible Material Disposal
- Tools and Machinery
- Spills

- Dust
- Electricity
- Cigarettes
- Storage

### **Handling Flammable Liquids**

- Flash Point
- Flammable Range
- Ignition Temperature
- Storage
- Grounding
- Flame Arresters
- Safety Cabinets

### **When a Fire Occurs**

- If a Fire Occurs
- When *not* to Fight a Fire
- Fire Exits and Evacuation Routes

### **Using Fire Extinguishers**

- Classification of Fires
- Using a Fire Extinguisher
- Fire Extinguisher Classifications
- Location of Fire Extinguishers
- After Using an Extinguisher
- If Unable to Extinguish a Fire

## **PERFORMANCE OBJECTIVES**

This course will measure mastery on each of the following performance objectives. Upon completion, workers will be able to...

### **Explain how fires occur and how they burn**

1. Know the three elements needed for a fire to occur.
2. Explain the process of convection.
3. Identify the main cause of deaths in fires.
4. Define flash point.

### **Identify and relate housekeeping practices for your facility**

1. Demonstrate knowledge of proper containers for rags and sorbents.



2. Identify potential electrical fire hazards.
3. State procedures when working near flammable or combustible materials.
4. Recognize proper height for storage near overhead sprinkler.

### **Recognize procedures when handling flammable liquids**

1. Locate information on a liquid's flammable characteristics.
2. Identify proper storage procedures.
3. Explain the purpose of grounding when transferring liquids.
4. Recognize the importance of proper drum ventilation.

### **React properly when a fire occurs**

1. Locate written procedures to follow when a fire occurs.
2. Recall when *not* to fight a fire.
3. Understand importance of knowing location of exits and evacuation route.

### **Recognize and demonstrate knowledge of fire extinguisher use**

1. Understand how fire extinguishers are classified.
2. Review the meaning of the acronym "PASS".
3. Explain what to do when an extinguisher's seal is broken.
4. Explain what to do if a fire spreads.
5. Identify appropriate location for a fire extinguisher.
6. Recall what part of a fire to aim an extinguisher.

